



NTP
National Toxicology Program

Report to the NTP Board of Scientific Counselors

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NTP Board of Scientific Counselors Meeting

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Topics

- Status of leadership positions
- Budget
- NTP moving forward
- NIEHS ARRA Opportunities



Status of Leadership Positions

- Scientific Director: advertisement closed Dec. 1
 - John B. Pritchard, Acting Scientific Director
- Director, Division of Extramural Research and Training: search committee formed; advertisement starts running Dec. 8
 - Gwen W. Collman, Ph.D., Interim Director
- Deputy Director, NIEHS: search committee met Nov. 23
 - Steven R. Kleeberger, Ph.D., Acting Deputy Director
- Clinical Director: no search until identify Scientific Director
 - Daryl C. Zeldin, M.D., Acting Clinical Director

Status of Leadership Positions (continued)

- Bruce A. Androphy, Esq., Director, NIEHS Ethics Office: started Oct. 13, 2009
 - Deputy Ethics Counselor status restored: Nov. 23, 2009
- Education director position: selection in process
- Four staff positions in NIEHS Bethesda office
 - John Balbus, Ph.D., Senior Advisor for Public Health: started Dec. 7
 - HHS/NIH liaison: advertisement closed Dec. 2
 - Toxicology liaison: to be advertised shortly
 - Administrative support: to be advertised shortly

Recent Invited Talks and Events

- Invited briefing on the NIEHS Vision to the Advisory Council to the Director, NIH: Dec. 4
- Testimony at Oversight Hearing on the Federal Toxic Substances Control Act, Senate Subcommittee on Superfund, Toxics and Environmental Health Committee on Environment and Public Works: Dec. 2
- Closing comments and moderated press conference at Public Health Impacts of Reducing Greenhouse Gas Emissions: Nov. 25, Washington, DC
- Spoke and chaired session on Energy Impacts on Human Health at White House Stakeholder Briefing on Climate Change: Nov. 20, Washington, DC
- Plenary speaker at Breast Cancer and the Environment Conference: Nov. 18-19, Sausalito, CA



Recent Invited Talks and Events (continued)

- Community Forum: Nov. 18, Sausalito, CA
- Keynote speaker at Moving Upstream: Thyroid Disruption Workshop: Nov. 16-17, Oakland, CA
- Keynote speaker at the Mammary Gland and Risk Assessment Workshop: Nov. 16-17, Oakland, CA
- Plenary speaker at 19th Annual International Society of Exposure Science Conference: Nov. 1-5, Minneapolis, MN
- Opening remarks at ILSI-HESI Workshop, Evaluating Epigenetic Changes: State of the Science: Oct. 28, Research Triangle Park, NC
- Town Hall Meeting: Sept. 30, Milwaukee, WI
- Keynote speaker at 2009 Rachel Carson Legacy Conference: Sept. 25, Pittsburgh, PA



NIEHS Funding (dollars in thousands)

| | FY2009 Enacted | FY2009-10 Stimulus | FY2010 President's Request | FY2010 House Mark | FY2010 Senate Mark | FY2010 Appropriation |
|-----------------------------|---------------------------|-------------------------------|---|------------------------------|-------------------------------|---------------------------------|
| NIH | \$30,317,024 | \$10,380,703 | \$30,758,788 | \$31,258,788 | \$30,758,788 | ?? |
| NIEHS (from HHS) | \$662,820 | \$168,057 | \$684,257 | \$695,497 | \$683,149 | ?? |
| Superfund | \$78,074 | \$19,297 | \$79,212 | \$79,212 | \$79,212 | \$79,212 |
| DOE Training | \$10,000 | | | \$10,000 | \$10,000 | \$10,000 |
| Total NIEHS | \$750,894 | \$187,354 | \$763,469 | \$784,709 | \$772,361 | ?? |



NTP Budget (dollars in millions)

| | FY2008 (in-kind contribution) | FY2008 NIEHS-funded IAGs | FY2009 (in-kind contribution) | FY2009 NIEHS-funded IAGs |
|---|--|---|--|---|
| NCTR | \$12.0 M | \$12.5 M | \$ 15.3 M | \$ 13.7 M |
| NIEHS | \$102.9 M | | \$ 99.4 M | |
| NIOSH | \$14.6 M | \$ 0.8 M | \$ 17.5 M | \$ 1.3 M |
| NTP Total | \$129.5 M | | \$132.2 M | |
| EPA | | \$ 0.8 M | | \$ 1.1 M |
| NIH Chemical Genomics Center | | \$ 3.0 M | | \$ 3.5 M |
| IAG Total | | \$ 17.1 M | | \$ 19.6 M |



NIEHS Priorities in FY2010 President's Budget

- Cancer, autism, environmental health, and safety of nanomaterials
- Alternative test evaluations
- Climate change and its health issues, especially from mitigation and adaptation strategies
 - NIEHS is working with Fogarty International Center and other agencies (trans-NIH and trans-agency) on research needs



Dr. Collin's Priorities

- Empowering the biomedical research community
- Global health research
- Health care reform
- Health disparities
- High throughput approaches
- Microbiome
- Small molecule screening
- Stem cell research
- Translational research



Administration Priorities from OMB and OSTP

- Economic recovery, job creation, and growth
- Innovative energy technologies to reduce dependence and mitigate climate change impact
- Biomedical science and information technology to improve healthy lives while reducing health care costs
- Technologies to protect our troops, citizens, and national interests
- Crosscutting themes:
 - Increasing research productivity
 - Strengthening STEM education
 - Improving and protecting information, communication, and transportation infrastructure
 - Enhancing our capabilities in space

Scope of NTP Activities

- Research and testing on “nominations”
 - Thousands of agents evaluated in comprehensive toxicology studies
 - Results communicated through technical reports, scientific publications, and the web
- Analysis activities
 - Report on Carcinogens (RoC)
 - Center for the Evaluation of Risks to Human Reproduction (CERHR)
 - NTP Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM)





New and Renewed Emphasis for NTP

- Coordinate toxicity testing across the Federal government
- Develop new methodologies for efficient and thorough toxicological assessments
- Establish additional capacity for dosing during the perinatal period
- Increase understanding of exposure-response relationships and issues of dosimetry
- Develop appropriate safety testing approaches for nanomaterials
- Integrate results from new “data rich” techniques (i.e. genomics, high through-put screening) with traditional toxicology data to provide public health context
- Provide guidance for the proper utilization of new types of information in hazard identification and characterization



NTP Moving Forward

- “Health and Environment” is a national priority
- New issues and technologies are emerging
- Assemble the best individual and team science to address complex diseases and complex environmental impacts
- A strong desire to partner with other federal agencies: EPA, CDC, FDA, DOE....
- Improve integration across research disciplines and with all partners
- Improve our translation and communication of basic science findings into human health protection



NIEHS American Recovery and Reinvestment Act (ARRA) Opportunities

- Total ARRA funding for NIEHS:
 - \$168M for Environmental Sciences (ES)
 - \$19.4M for Superfund
 - \$11.5M in NIH/OD contributions and co-funds
- By the end of FY 2009, the NIEHS allocated 95% of NIEHS ARRA dollars to 346 grants
 - \$160M for ES grants
 - \$19.4M for Superfund grants
- Research and Development contracts: \$23.3M (14%)
- DIR equipment: \$840,000 (.005%)





ARRA Opportunities

- 38 Challenge Grant awards made out of 598 proposals (includes 8 funded by NIH/OD)
- Two Signature areas:
 - Health Effects of Bisphenol A: \$14.9M over two years for 10 grants including \$1.1M from NIH/OD for one GO grant
 - Nanomaterials Safety: \$10.2M over two years for 10 grants including \$2.5M from NIH/OD for GO grants
- Superfund: \$19.4M on P42 awards and administrative supplements
- \$1.98M, includes \$673K from NIH/OD for 51 summer supplements for students and teachers



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Thank you!

Questions???

